

Title (en)

Developing apparatus, process cartridge and image forming apparatus.

Title (de)

Entwicklungsgerät, Prozesseinheit und Bilderzeugungsgerät.

Title (fr)

Appareil de développement, unité de traitement et appareil de formation d'images.

Publication

EP 0631207 A3 19950705 (EN)

Application

EP 94401449 A 19940627

Priority

- JP 15537693 A 19930625
- JP 405794 A 19940119

Abstract (en)

[origin: EP0631207A2] A developing apparatus for developing a latent image formed on an image bearing member includes a first frame having a developer container for containing a developer; a second frame having a developer carrying member for carrying the developer supplied from the developer container to supply the developer to the latent image; a sealing member for sealing an opening for supplying the developer from the developer container to the developer carrying member; wherein the sealing member is pulled between the first frame and the second frame along a pulling path in a pulling direction, whereby the opening is opened; projections, disposed at both sides of the pulling path downstream of the opening in the pulling direction, for limiting the pulling direction of a sealing member. <IMAGE>

IPC 1-7

G03G 15/08

IPC 8 full level

G03G 15/08 (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP)

G03G 15/0882 (2013.01); **G03G 15/0884** (2013.01); **G03G 21/1647** (2013.01); **G03G 21/1671** (2013.01); **G03G 21/1832** (2013.01); **G03G 2221/1633** (2013.01); **G03G 2221/1648** (2013.01)

Citation (search report)

- [XY] EP 0330225 A2 19890830 - CANON KK [JP]
- [XY] EP 0371520 A2 19900606 - MITA INDUSTRIAL CO LTD [JP]
- [X] EP 0387986 A2 19900919 - CANON KK [JP]
- [XY] EP 0102002 A2 19840307 - KONISHIROKU PHOTO IND [JP]
- [Y] EP 0429152 A2 19910529 - BEROLINA SCHRIFTBILD [DE]

Cited by

EP0866387A3; EP0692747A3; GB2321219A; GB2321219B; US5523828A; USRE36920E; GB2289548A; AU675615B2; GB2289548B; US5870654A; US6173140B1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0631207 A2 19941228; EP 0631207 A3 19950705; EP 0631207 B1 19981118; DE 69414643 D1 19981224; DE 69414643 T2 19990506; SG 67919 A1 19991019

DOCDB simple family (application)

EP 94401449 A 19940627; DE 69414643 T 19940627; SG 1996007489 A 19940627